

THE HYPERLEDGER IDENTITY SPECIAL INTEREST GROUP

Reimagining Digital Identity

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Agenda

1. Background & Summary
2. Decentralized ID
3. Challenges of Decentralized ID
4. Barriers to adoption
5. Recommendations
6. Remarks on Next Steps

Summary

1. ID Overview
2. Decentralized ID
3. Barriers to Implementation
4. Recommendations

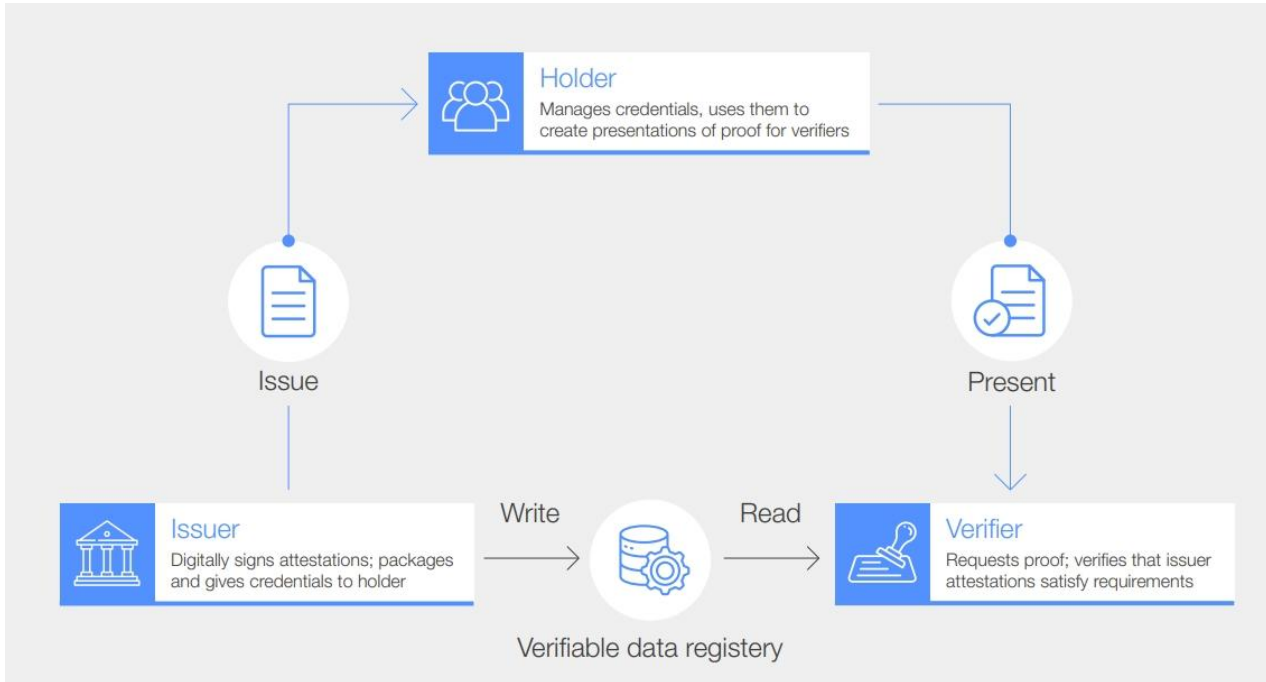
Background

1. Digital ID is foundational
2. One of UNs Sustainable development Goals
3. 850 Million worldwide have no Identity
4. Identity Life Cycle
 - a. Registration
 - b. Issuance
 - c. Use
 - d. Management

Background

1. Digital ID is foundational. 12.7 %YOY increase Digital Transactions SDG 16.9
 - a. By 2030, provide legal identity for all, including birth registration.
 - b. Direct or Indirect enabler of many sustainable development goals (SDGs), including access to finance, gender equality and empowerment, and migration and labour market opportunities.
 - c. Lack of ID is a threat, political threats, threats to refugees, weaponization

Decentralized ID



Challenges of Decentralized ID

1. Standards are still in Development
 - a. W3C VC a common base data model for VCs;
 - b. Lacking definitions on how to issue, exchange, prove ownership of a VC. Nor does it define protocols that connect issuers, holders and verifiers
 - c. Work is ongoing (as we know) in DiF, Aries, OIDF, OpenID4VC, ARF (eIDAS)

Risks of Decentralized ID

1. Political Risk
2. Data Exploitation
3. Technical Risks
4. Risks of Marginalization

Barriers to Adoption of Decentralized ID

1. Immaturity of Technology
2. User Experience is still developing
3. Policy Barriers

Technical Recommendations for Adoption

1. Invest in technology
2. Invest in Standards Development
3. Multi ecosystem approach
4. Share Lessons
5. Private sector Talent Development
6. Collaborate (with designers)

Policy Recommendations for Adoption

1. Review existing policy
2. Alter Policy to achieve same goals
3. Develop enabling Regulation
4. Improve PET
5. Interoperability & Data Portability
6. Design Transitional Mechanisms (special reg uni
7. Future Forward Mechanisms
8. Invest in Public Policy
9. High Assurance credentials
10. Governance Frameworks

Personal Comments

1. Why this is influential?
2. Technological methods for implementation
3. Technological capability for implementation
4. Participate in the multiple venues

References

1. Aidan Slavin, Lead Author Reimagining digital Identity, [WEF Insight Report](#) June, 2023, retrieved June 29, 2023
2. World Economic Forum, [Identity in a Digital World](#): A New Chapter in the Social Contract, September 2018